**Bits and Pieces 1 Math Reflection 2**

**Page 34 Homework 11/2/11**

**By: Devyn Gara**

1. My strategy for finding an equivalent fraction is to multiply the numerator and denominator by the same number. You can multiply the numerator and denominator by any number, other than 0 and 1.You have to multiply the numerator and denominator by the same number otherwise the fraction you make would not be equivalent. If the fraction has a smaller denominator than the numerator, you would want to divide the numerator and denominator by the same number.

EX: 3/4 multiplied by 3 would equal 9/12. 3/6 multiplied by 2 and 5 would be wrong. NOT the same two numbers.

1. My strategies for finding out whether a fraction goes between 0 and 1/2 or 1/2 and 1 are find out what the denominator is. For instance, if you are taking 5/10, it can be reduced to 1/2 which is an equivalent fraction. That means 5/10 would go between 1/2 and 1. If the numerator is larger than the denominator it would go between 1/2 and 1. If the numerator is less than half of the denominator, it would go between 0 and 1/2.

EX: 4/5 would go between 1/2 and 1 because 4/5 is larger than half.

1/3 would go between 0 and 1/2 because 1/3 is smaller than half.

1. A way to decide which of two fractions is greater than another is by using the least common denominator. For example, if the fraction is 2/4 and 2/8, you would find the least common multiple of 4 and 8. That is 16. When you figure that out, you would see how far the number can be reduced to. After, you would see what fraction is larger than the other.

If the denominator is the same, the fraction with the greater numerator is bigger. If the numerators are the same, the one with the smaller denominator would be bigger.

1. What you would do to make a mixed number a fraction is see what the mixed number is. When find that, you would look at the denominator and the mixed number. You will now multiply the denominator and mixed number by each other. Now you will get the product. When you get the product, you will add the numerator to the product.

EX: 2 ½. Multiply 2 by 2 and you get 4. Add 1 to four and you get 5. The improper fraction would be 5/2.

1. You can write a fraction greater than 1 as a mixed number by dividing the numerator by the denominator. You will then put the answer over the dividing line. When you are done with that, you would see what the remainder is for your number. When that is finished, you would make the improper fraction a mixed number.

EX: 5/3 would equal 1 2/3